

Interpretation *rgb* -> *rgb** and CIELAB data of a 48 step elementary hue circle
for a sRGB standard display with the luminance reflection $L_r=0\%$ compared to the white reference (100%)

48 step elementary hue circle with hues: *RJGB*: $h_{ab,a} = 25.5, 92.3, 162.2, 217.7$, and *C' M'* = 217.0, 328.6
comparison with six device hues *OYLCVM*: $h_{ab,a} = 40.0, 102.9, 136.0, 196.4, 306.3, 328.2$

9 step equidistant grey scale: $L^* = 0.0, 11.9, 23.9, 35.8, 47.7, 59.6, 71.6, 83.5, 95.4$

<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> [*] , <i>a</i> [*] , <i>b</i> [*] , <i>C</i> [*] _{ab} , <i>h</i> _{ab}] _{Mae}	<i>rgb</i> → <i>rgb</i> [*] _{Ma}	<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> [*] , <i>a</i> [*] , <i>b</i> [*] , <i>C</i> [*] _{ab} , <i>h</i> _{ab}] _{Mae}	<i>rgb</i> → <i>rgb</i> [*] _{Ma}	
r00j=R	30.0	50.9 78.3 37.3	86.7 25.5	1.000 0.000 0.000	c'00b=C'	210.0 79.1 -34.2 -25.7	42.9 217.0	0.000 1.000 1.000
r12j	36.6	50.7 77.6 52.0	93.4 33.8	1.000 0.125 0.000	c'12b	216.6 76.7 -30.5 -29.3	42.5 223.8	0.000 0.875 1.000
r25j	43.9	52.2 72.0 65.3	97.2 42.2	1.000 0.250 0.000	c'25b	223.9 74.5 -27.1 -33.1	43.0 230.7	0.000 0.750 1.000
r37j	51.8	58.0 55.9 67.9	88.0 50.5	1.000 0.375 0.000	c'37b	231.8 72.3 -23.2 -36.6	43.5 237.5	0.000 0.625 1.000
r50j	60.0	63.1 42.8 70.9	82.8 58.9	1.000 0.500 0.000	c'50b	240.0 70.1 -18.9 -39.5	44.0 244.4	0.000 0.500 1.000
r62j	68.2	67.9 31.1 74.1	80.3 67.2	1.000 0.625 0.000	c'62b	248.2 67.6 -14.7 -43.5	46.0 251.2	0.000 0.375 1.000
r75j	76.1	72.8 19.8 77.3	79.8 75.6	1.000 0.750 0.000	c'75b	256.1 64.9 -10.1 -48.0	49.2 258.0	0.000 0.250 1.000
r87j	83.4	77.9 8.5 80.4	80.8 84.0	1.000 0.875 0.000	c'87b	263.4 62.2 -4.6 -52.0	52.3 264.9	0.000 0.125 1.000
j00g=J	90.0	83.7 -3.3 84.5	84.6 92.3	1.000 1.000 0.000	b00m'=B	270.0 59.3 1.7 -56.5	56.6 271.7	0.000 0.000 1.000
j12g	96.6	91.1 -17.4 89.8	91.5 101.1	0.875 1.000 0.000	b12m'	276.6 55.3 9.9 -63.3	64.2 278.8	0.125 0.000 1.000
j25g	103.9	90.7 -31.7 88.5	94.0 109.8	0.750 1.000 0.000	b25m'	283.9 51.0 19.9 -69.6	72.5 286.0	0.250 0.000 1.000
j37g	111.8	88.3 -46.5 85.6	97.5 118.5	0.625 1.000 0.000	b37m'	291.8 45.3 33.7 -79.1	86.1 293.1	0.375 0.000 1.000
j50g	120.0	86.0 -62.9 82.9	104.1 127.3	0.500 1.000 0.000	b50m'	300.0 38.2 52.8 -90.6	105.0 300.2	0.500 0.000 1.000
j62g	128.2	83.6 -82.7 79.9	115.0 136.0	0.375 1.000 0.000	b62m'	308.2 32.1 76.7 -100.6	126.6 307.3	0.625 0.000 1.000
j75g	136.1	84.1 -76.8 54.3	94.1 144.7	0.250 1.000 0.000	b75m'	316.1 42.1 82.1 -83.8	117.4 314.4	0.750 0.000 1.000
j87g	143.4	84.6 -70.4 35.2	78.8 153.5	0.125 1.000 0.000	b87m'	323.4 50.2 88.3 -70.2	112.9 321.5	0.875 0.000 1.000
g00c=G	150.0	85.2 -64.6 20.7	67.9 162.2	0.000 1.000 0.000	m'00r=M	330.0 57.2 94.2 -57.4	110.3 328.6	1.000 0.000 1.000
g12c'	156.6	85.5 -60.4 11.7	61.6 169.1	0.000 1.000 0.125	m'12r	336.6 55.3 89.8 -40.4	98.5 335.7	1.000 0.000 0.875
g25c'	163.9	85.9 -56.4 4.0	56.7 175.9	0.000 1.000 0.250	m'25r	343.9 54.1 86.5 -26.6	90.6 342.8	1.000 0.000 0.750
g37c'	171.8	86.2 -53.0 -2.5	53.1 182.8	0.000 1.000 0.375	m'37r	351.8 53.2 84.3 -14.9	85.6 349.9	1.000 0.000 0.625
g50c'	180.0	86.6 -49.8 -8.3	50.6 189.6	0.000 1.000 0.500	m'50r	360.0 52.6 82.9 -4.2	83.0 357.0	1.000 0.000 0.500
g62c'	188.2	86.8 -46.0 -13.5	48.1 196.4	0.000 1.000 0.625	m'62r	368.2 52.0 81.2 5.9	81.4 4.2	1.000 0.000 0.375
g75c'	196.1	84.3 -42.5 -18.2	46.4 203.3	0.000 1.000 0.750	m'75r	376.1 51.6 80.3 16.0	81.9 11.3	1.000 0.000 0.250
g87c'	203.4	81.7 -38.5 -22.3	44.6 210.1	0.000 1.000 0.875	m'87r	383.4 51.2 79.3 26.3	83.6 18.4	1.000 0.000 0.125

KE880-3N, 1

Interpretation *rgb* -> *rgb** and CIELAB data of a 48 step elementary hue circle
for a sRGB standard display with the luminance reflection $L_r=0.6\%$ compared to the white reference (100%)

48 step elementary hue circle with hues: *RJGB*: $h_{ab,a} = 25.5, 92.3, 162.2, 217.7$, and *C' M'* = 217.0, 328.6
comparison with six device hues *OYLCVM*: $h_{ab,a} = 38.3, 103.0, 136.3, 196.4, 305.7, 328.2$

9 step equidistant grey scale: $L^* = 5.7, 16.9, 28.1, 39.3, 50.5, 61.8, 73.0, 84.2, 95.4$

<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> [*] , <i>a</i> [*] , <i>b</i> [*] , <i>C</i> [*] _{ab} , <i>h</i> _{ab}] _{Mae}	<i>rgb</i> → <i>rgb</i> [*] _{Ma}	<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> [*] , <i>a</i> [*] , <i>b</i> [*] , <i>C</i> [*] _{ab} , <i>h</i> _{ab}] _{Mae}	<i>rgb</i> → <i>rgb</i> [*] _{Ma}	
r00j=R	30.0	51.5 76.8 36.6	85.1 25.5	1.000 0.000 0.000	c'00b=C'	210.0 79.2 -33.8 -25.4	42.5 217.0	0.000 1.000 1.000
r12j	36.6	51.2 76.0 50.9	91.5 33.8	1.000 0.125 0.000	c'12b	216.6 76.9 -30.2 -29.0	42.0 223.8	0.000 0.875 1.000
r25j	43.9	53.8 67.8 61.4	91.5 42.2	1.000 0.250 0.000	c'25b	223.9 74.7 -26.8 -32.8	42.5 230.7	0.000 0.750 1.000
r37j	51.8	59.1 53.4 64.9	84.1 50.5	1.000 0.375 0.000	c'37b	231.8 72.5 -23.0 -36.2	43.0 237.5	0.000 0.625 1.000
r50j	60.0	63.9 41.1 68.1	79.5 58.9	1.000 0.500 0.000	c'50b	240.0 70.3 -18.7 -39.1	43.5 244.4	0.000 0.500 1.000
r62j	68.2	68.5 30.0 71.6	77.7 67.2	1.000 0.625 0.000	c'62b	248.2 67.9 -14.6 -43.0	45.5 251.2	0.000 0.375 1.000
r75j	76.1	73.2 19.3 75.1	77.5 75.6	1.000 0.750 0.000	c'75b	256.1 65.2 -10.0 -47.5	48.6 258.0	0.000 0.250 1.000
r87j	83.4	78.1 8.3 78.4	78.9 84.0	1.000 0.875 0.000	c'87b	263.4 62.6 -4.5 -51.4	51.8 264.9	0.000 0.125 1.000
j00g=J	90.0	83.8 -3.2 82.7	82.8 92.3	1.000 1.000 0.000	b00m'=B	270.0 59.6 1.7 -55.9	56.0 271.7	0.000 0.000 1.000
j12g	96.6	91.0 -17.1 88.2	89.9 101.1	0.875 1.000 0.000	b12m'	276.6 55.7 9.8 -62.6	63.4 278.8	0.125 0.000 1.000
j25g	103.9	90.8 -31.2 87.0	92.5 109.8	0.750 1.000 0.000	b25m'	283.9 51.5 19.7 -68.9	71.7 286.0	0.250 0.000 1.000
j37g	111.8	88.4 -45.6 84.2	95.8 118.5	0.625 1.000 0.000	b37m'	291.8 45.9 33.3 -78.2	85.1 293.1	0.375 0.000 1.000
j50g	120.0	86.1 -61.8 81.4	102.3 127.3	0.500 1.000 0.000	b50m'	300.0 38.8 52.1 -89.6	103.7 300.2	0.500 0.000 1.000
j62g	128.2	83.8 -81.1 78.4	112.9 136.0	0.375 1.000 0.000	b62m'	308.2 34.1 74.1 -97.3	122.4 307.3	0.625 0.000 1.000
j75g	136.1	84.2 -76.0 53.8	93.1 144.7	0.250 1.000 0.000	b75m'	316.1 43.2 80.3 -82.0	114.8 314.4	0.750 0.000 1.000
j87g	143.4	84.7 -69.7 34.8	78.0 153.5	0.125 1.000 0.000	b87m'	323.4 50.9 86.9 -69.0	111.0 321.5	0.875 0.000 1.000
g00c=G	150.0	85.2 -63.9 20.5	67.2 162.2	0.000 1.000 0.000	m'00r=M	330.0 57.6 92.9 -56.6	108.8 328.6	1.000 0.000 1.000
g12c'	156.6	85.6 -59.8 11.6	61.0 169.1	0.000 1.000 0.125	m'12r	336.6 55.8 88.4 -39.8	97.0 335.7	1.000 0.000 0.875
g25c'	163.9	86.0 -55.9 4.0	56.1 175.9	0.000 1.000 0.250	m'25r	343.9 54.6 85.2 -26.2	89.2 342.8	1.000 0.000 0.750
g37c'	171.8	86.3 -52.5 -2.4	52.6 182.8	0.000 1.000 0.375	m'37r	351.8 53.7 83.0 -14.6	84.3 349.9	1.000 0.000 0.625
g50c'	180.0	86.6 -49.3 -8.3	50.1 189.6	0.000 1.000 0.500	m'50r	360.0 53.1 81.5 -4.1	81.6 357.0	1.000 0.000 0.500
g62c'	188.2	86.9 -45.6 -13.4	47.7 196.4	0.000 1.000 0.625	m'62r	368.2 52.5 79.8 5.8	80.0 4.2	1.000 0.000 0.375
g75c'	196.1	84.4 -42.1 -18.1	45.9 203.3	0.000 1.000 0.750	m'75r	376.1 52.1 78.9 15.7	80.4 11.3	1.000 0.000 0.250
g87c'	203.4	81.8 -38.1 -22.1	44.2 210.1	0.000 1.000 0.875	m'87r	383.4 51.8 77.9 25.9	82.1 18.4	1.000 0.000 0.125

KE880-7N, 1

Interpretation *rgb* -> *rgb** and CIELAB data of a 48 step elementary hue circle
for a sRGB standard display with the luminance reflection $L_r=1.2\%$ compared to the white reference (100%)

48 step elementary hue circle with hues: *RJGB*: $h_{ab,a} = 25.5, 92.3, 162.2, 217.7$, and *C' M'* = 217.0, 328.6
comparison with six device hues *OYLCVM*: $h_{ab,a} = 37.0, 103.1, 136.5, 196.4, 305.2, 328.1$

9 step equidistant grey scale: $L^* = 11.0, 21.5, 32.1, 42.6, 53.2, 63.8, 74.3, 84.9, 95.4$

<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> [*] , <i>a</i> [*] , <i>b</i> [*] , <i>C</i> [*] _{ab} , <i>h</i> _{ab}] _{Mae}	<i>rgb</i> → <i>rgb</i> [*] _{Ma}	<i>u</i> [*] <i>Ma</i>	<i>h</i> _{rgb}	[<i>L</i> [*] , <i>a</i> [*] , <i>b</i> [*] , <i>C</i> [*] _{ab} , <i>h</i> _{ab}] _{Mae}	<i>rgb</i> → <i>rgb</i> [*] _{Ma}	
r00j=R	30.0	52.0 75.3 35.9	83.4 25.5	1.000 0.000 0.000	c'00b=C'	210.0 79.4 -33.5 -25.2	42.1 217.0	0.000 1.000 1.000
r12j	36.6	51.7 74.5 49.9	89.7 33.8	1.000 0.125 0.000	c'12b	216.6 77.1 -29.9 -28.7	41.6 223.8	0.000 0.875 1.000
r25j	43.9	55.1 64.5 58.5	87.0 42.2	1.000 0.250 0.000	c'25b	223.9 74.9 -26.6 -32.4	42.1 230.7	0.000 0.750 1.000
r37j	51.8	60.0 51.4 62.4	80.8 50.5	1.000 0.375 0.000	c'37b	231.8 72.7 -22.8 -35.8	42.6 237.5	0.000 0.625 1.000
r50j	60.0	64.6 39.7 65.8	76.8 58.9	1.000 0.500 0.000	c'50b	240.0 70.6 -18.5 -38.7	43.1 244.4	0.000 0.500 1.000
r62j	68.2	69.0 29.1 69.5	75.3 67.2	1.000 0.625 0.000	c'62b	248.2 68.2 -14.4 -42.5	45.0 251.2	0.000 0.375 1.000
r75j	76.1	73.6 18.8 73.1	75.5 75.6	1.000 0.750 0.000	c'75b	256.1 65.6 -9.9 -46.9	48.1 258.0	0.000 0.250 1.000
r87j	83.4	78.4 8.1 76.6	77.0 84.0	1.000 0.875 0.000	c'87b	263.4 63.0 -4.5 -50.9	51.2 264.9	0.000 0.125 1.000
j00g=J	90.0	83.9 -3.2 81.0	81.1 92.3	1.000 1.000 0.000	b00m'=B	270.0 60.0 1.7 -55.2	55.4 271.7	0.000 0.000 1.000
j12g	96.6	91.0 -16.8 86.6	88.3 101.1	0.875 1.000 0.000	b12m'	276.6 56.1 9.6 -61.8	62.7 278.8	0.125 0.000 1.000
j25g	103.9	90.8 -30.7 85.6	91.0 109.8	0.750 1.000 0.000	b25m'	283.9 52.0 19.5 -68.1	71.0 286.0	0.250 0.000 1.000
j37g	111.8	88.5 -44.9 82.7	94.1 118.5	0.625 1.000 0.000	b37m'	291.8 46.4 32.9 -77.2	84.0 293.1	0.375 0.000 1.000
j50g	120.0	86.3 -60.7 80.0	100.5 127.3	0.500 1.000 0.000	b50m'	300.0 39.4 51.5 -88.5	102.5 300.2	0.500 0.000 1.000
j62g	128.2	83.9 -79.6 77.0	110.8 136.0	0.375 1.000 0.000	b62m'	308.2 35.8 71.9 -94.4	118.8 307.3	0.625 0.000 1.000
j75g	136.1	84.3 -75.2 53.2	92.2 144.7	0.250 1.000 0.000	b75m'	316.1 44.2 78.7 -80.2	112.4 314.4	0.750 0.000 1.000
j87g	143.4	84.8 -69.0 34.5	77.2 153.5	0.125 1.000 0.000	b87m'	323.4 51.6 85.5 -67.9	109.3 321.5	0.875 0.000 1.000
g00c=G	150.0	85.3 -63.2 20.3	66.5 162.2	0.000 1.000 0.000	m'00r=M	330.0 58.0 91.6 -55.8	107.3 328.6	1.000 0.000 1.000
g12c'	156.6	85.7 -59.2 11.4	60.3 169.1	0.000 1.000 0.125	m'12r	336.6 56.3 87.1 -39.2	95.6 335.7	1.000 0.000 0.875
g25c'	163.9	86.0 -55.3 4.0	55.6 175.9	0.000 1.000 0.250	m'25r	343.9 55.1 83.9 -25.8	87.8 342.8	1.000 0.000 0.750
g37c'	171.8	86.4 -52.0 -2.4	52.1 182.8	0.000 1.000 0.375	m'37r	351.8 54.2 81.7 -14.4	83.0 349.9	1.000 0.000 0.625
g50c'	180.0	86.7 -48.9 -8.2	49.7 189.6	0.000 1.000 0.500	m'50r	360.0 53.6 80.2 -4.0	80.3 357.0	1.000 0.000 0.500
g62c'	188.2	87.0 -45.2 -13.3	47.2 196.4	0.000 1.000 0.625	m'62r	368.2 53.1 78.5 5.7	78.7 4.2	1.000 0.000 0.375
g75c'	196.1	84.5 -41.7 -17.9	45.5 203.3	0.000 1.000 0.750	m'75r	376.1 52.7 77.5 15.4	79.0 11.3	1.000 0.000 0.250
g87c'	203.4	81.9 -37.8 -21.9	43.8 210.1	0.000 1.000 0.875	m'87r	383.4 52.3 76.5 25.4	80.6 18.4	1.000 0.000 0.125